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Figure 1 consists of 11 histograms, each representing the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The histograms are arranged vertically, with n values increasing from 10 at the top to 110 at the bottom. The x-axis for all histograms is 'Number of non-zero elements in x ' (ranging from 0 to 110), and the y-axis is 'Frequency' (ranging from 0 to 10). The distributions are approximately normal, centered around 55-60 non-zero elements.

n	Frequency
10	1
20	2
30	3
40	4
50	5
60	6
70	7
80	8
90	9
100	10
110	11

Figure 1 consists of 11 bar charts, each representing a different factor in choosing a partner, job, house, car, or vacation home/spot. Each chart has five bars corresponding to age groups: 18-24, 25-34, 35-44, 45-54, and 55-64. The y-axis represents the percentage of respondents, ranging from 0% to 100%.

- Chart 1: Most important factor in choosing a partner.** The factors are: Love, Money, Status, Power, and Beauty. Love is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 2: Most important factor in choosing a job.** The factors are: Money, Status, Power, and Beauty. Money is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 3: Most important factor in choosing a house.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 4: Most important factor in choosing a car.** The factors are: Price, Style, and Performance. Price is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 5: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 6: Most important factor in choosing a vacation spot.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 7: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 8: Most important factor in choosing a vacation spot.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 9: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 10: Most important factor in choosing a vacation spot.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.
- Chart 11: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, and Style. Location is the most important factor for all age groups, peaking at 100% for the 18-24 group.

Figure 1 consists of 11 bar charts, each representing a different factor in choosing a partner, job, house, car, or vacation home/spot. Each chart has five bars corresponding to age groups: 18-24, 25-34, 35-44, 45-54, and 55-64. The y-axis represents the percentage of respondents, ranging from 0% to 100%.

- Chart 1: Most important factor in choosing a partner.** The factors are: Physical attractiveness, Financial stability, Social status, Intelligence, and Personality. Personality is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 2: Most important factor in choosing a job.** The factors are: Salary, Job security, Career advancement, Work-life balance, and Company culture. Salary is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 3: Most important factor in choosing a house.** The factors are: Location, Price, Size, Style, and Amenities. Location is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 4: Most important factor in choosing a car.** The factors are: Price, Fuel economy, Safety, Style, and Reliability. Price is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 5: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, Style, and Amenities. Location is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 6: Most important factor in choosing a vacation spot.** The factors are: Climate, Scenery, Activities, Price, and Amenities. Climate is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 7: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, Style, and Amenities. Location is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 8: Most important factor in choosing a vacation spot.** The factors are: Climate, Scenery, Activities, Price, and Amenities. Climate is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 9: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, Style, and Amenities. Location is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 10: Most important factor in choosing a vacation spot.** The factors are: Climate, Scenery, Activities, Price, and Amenities. Climate is the most important factor for all age groups, peaking at 100% for the 25-34 group.
- Chart 11: Most important factor in choosing a vacation home.** The factors are: Location, Price, Size, Style, and Amenities. Location is the most important factor for all age groups, peaking at 100% for the 25-34 group.

Figure 1 consists of 11 histograms, each representing the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The histograms are arranged in a single column. The x-axis for all plots is 'Number of non-zero elements in x ' with major ticks at 0, 55, and 110. The y-axis is 'Frequency' with major ticks at 0, 5, and 10. The histograms are for $n = 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110$. As n increases, the distribution of non-zero elements becomes more concentrated around a central value (approximately 55-60) and the frequency of non-zero elements increases.

Figure 1 consists of 11 histograms, each representing the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The histograms are arranged in a single column. The x-axis for all plots is 'Number of non-zero elements in x ' with major ticks at 0, 50, and 110. The y-axis is 'Frequency' with major ticks at 0, 5, and 10. The histograms are for $n = 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110$. As n increases, the distribution of non-zero elements becomes more spread out and shifts slightly to the right.

Figure 1 consists of 11 histograms, each representing the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The histograms are arranged in a single column. The x-axis for all plots is 'Number of non-zero elements in x ' with major ticks at 0, 50, and 110. The y-axis is 'Frequency' with major ticks at 0, 5, and 10. The histograms are for $n = 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110$. As n increases, the distribution of non-zero elements becomes more spread out and its peak frequency decreases.

Figure 1 consists of 11 bar charts, each representing a different category related to reasons for leaving school. The x-axis for all charts represents age groups: 18-24, 25-34, 35-44, 45-54, 55-64, and 65+. The y-axis represents the percentage of respondents, ranging from 0% to 100%.

- Category 1: Most important reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 2: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 3: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 4: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 5: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 6: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 7: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 8: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 9: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 10: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 11: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%

Figure 1 consists of 11 bar charts, each representing a different category related to reasons for leaving school. The x-axis for all charts represents age groups: 18-24, 25-34, 35-44, 45-54, 55-64, and 65+. The y-axis represents the percentage of respondents, ranging from 0% to 100%.

- Category 1: Most important reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 2: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 3: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 4: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 5: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 6: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 7: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 8: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 9: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 10: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%
- Category 11: Main reason for leaving school**

Age Group	Percentage
18-24	100%
25-34	100%
35-44	100%
45-54	100%
55-64	100%
65+	100%

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<211> 612
<212> DNA
<213> Homo sapiens

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 <212> DNA
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 <212> DNA

<213> Homo sapiens

<400> 9762

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<212> DNA

<213> Homo sapiens

<400> 9763

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<211> 2014

<212> DNA

<213> Homo sapiens

<400> 9764

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 <212> DNA
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<210> 9807

<211> 630

<212> DNA

<213> Homo sapiens

<400> 9807

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<210> 9808

<211> 630

<212> DNA

<213> Homo sapiens

<400> 9808

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<211> 1490

<212> DNA

<213> Homo sapiens

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<211> 402

<212> DNA

<213> Homo sapiens

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<400> 9833

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<211> 172

<212> DNA

<213> Homo sapiens

<400> 9834

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<212> DNA

<213> Homo sapiens

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aaaaaaaaaa aacaaaaaag gag                                     143

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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 559

<212> DNA

<213> Homo sapiens

<400> 9916

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<400> 9917

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	cagttgccct	ccacctgatt	ctga				324

Table 1. Demographic characteristics of the study population	
Age (years)	50.0 ± 10.0
Gender	
Male	50.0%
Female	50.0%
Education	
High school	50.0%
University	50.0%
Occupation	
Unemployed	50.0%
Employed	50.0%
Marital status	
Married	50.0%
Single	50.0%
Divorced	50.0%
Widowed	50.0%
Health status	
Good	50.0%
Poor	50.0%
Smoking status	
Smoker	50.0%
Non-smoker	50.0%
Alcohol consumption	
Drinker	50.0%
Non-drinker	50.0%
Family size	
1-2	50.0%
3-4	50.0%
5-6	50.0%
7-8	50.0%
9-10	50.0%
11-12	50.0%
13-14	50.0%
15-16	50.0%
17-18	50.0%
19-20	50.0%
21-22	50.0%
23-24	50.0%
25-26	50.0%
27-28	50.0%
29-30	50.0%
31-32	50.0%
33-34	50.0%
35-36	50.0%
37-38	50.0%
39-40	50.0%
41-42	50.0%
43-44	50.0%
45-46	50.0%
47-48	50.0%
49-50	50.0%
51-52	50.0%
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61-62	50.0%
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67-68	50.0%
69-70	50.0%
71-72	50.0%
73-74	50.0%
75-76	50.0%
77-78	50.0%
79-80	50.0%
81-82	50.0%
83-84	50.0%
85-86	50.0%
87-88	50.0%
89-90	50.0%
91-92	50.0%
93-94	50.0%
95-96	50.0%
97-98	50.0%
99-100	50.0%

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<212> DNA
<213> Homo sapiens
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<213> Homo sapiens
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7722

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2209

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<212> DNA
<213> Homo sapiens

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<212> DNA
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<212> DNA
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Figure 1 consists of 12 bar charts, labeled (a) through (l), each representing a different variable. Each chart compares two groups: 'No' (represented by white bars) and 'Yes' (represented by black bars). The y-axis for all charts represents the percentage of respondents, ranging from 0 to 100.

- (a) Age:** The x-axis shows age groups: 18-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85-94. The 'Yes' group is generally higher in the younger age groups.
- (b) Sex:** The x-axis shows Male and Female. The 'Yes' group is slightly higher for Males.
- (c) Education:** The x-axis shows Less than High School, High School, Some College, College, Graduate School. The 'Yes' group is generally higher for higher education levels.
- (d) Income:** The x-axis shows Less than \$10,000, \$10,000-\$19,999, \$20,000-\$29,999, \$30,000-\$39,999, \$40,000-\$49,999, \$50,000-\$59,999, \$60,000-\$69,999, \$70,000-\$79,999, \$80,000-\$89,999, \$90,000-\$99,999, \$100,000 or more. The 'Yes' group is generally higher for higher income levels.
- (e) Employment:** The x-axis shows Unemployed, Part-time, Full-time. The 'Yes' group is generally higher for Full-time employment.
- (f) Religion:** The x-axis shows No Religion, Other, Protestant, Catholic, Jewish, Muslim, Hindu, Buddhist, Sikh, Jain, Other. The 'Yes' group is generally higher for Protestant and Catholic.
- (g) Political Party:** The x-axis shows No Party, Democrat, Republican, Independent, Other. The 'Yes' group is generally higher for Democrat.
- (h) Marital Status:** The x-axis shows Single, Married, Divorced, Widowed. The 'Yes' group is generally higher for Married.
- (i) Number of Children:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or more. The 'Yes' group is generally higher for 0 children.
- (j) Number of Siblings:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or more. The 'Yes' group is generally higher for 0 siblings.
- (k) Number of Pets:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or more. The 'Yes' group is generally higher for 0 pets.
- (l) Number of Vehicles:** The x-axis shows 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 or more. The 'Yes' group is generally higher for 0 vehicles.

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<213> Homo sapiens

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<211> 285

<212> DNA

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<212> DNA

<213> Homo sapiens

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<223> n equals a,t,g, or c

<220>
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<220>
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<222> (30728)
<223> n equals a,t,g, or c

<220>

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